

means for detecting the field strength and for producing a control signal responsive to the field strength; and
an apparatus attached to the treadmill apparatus and responsive to the control signal for adjusting the endless belt.

Claim 4 (Previously Presented): The apparatus of claim 3 wherein the endless belt is adjustable in slope and the means for adjusting includes means for adjusting the slope of the belt.

Claim 5 (Previously Presented): The apparatus of claim 3 wherein the belt is adjustable in rotational speed and the means for adjusting includes a means for adjusting the speed of the belt.

Claim 6 (Currently Amended): The apparatus of claim 3 wherein the means for generating includes a transmitter portion of a heart rate monitor.

Claim 7 (Currently Amended): The apparatus of claim 3 wherein the means for receiving includes ~~at least one receiver attached to the treadmill~~ a receiver portion of a heart rate monitor.

Claim 8 (Currently Amended): The apparatus of claim 3 wherein the means for ~~receiving~~ detecting field strength and for producing a control signal includes a microprocessor.

Claim 9 (cancelled)

Claim 10 (Currently Amended): A treadmill apparatus including an adjustable motorized endless belt, the apparatus comprising:

a transmitter attachable to a user ~~positioned on the belt~~ for generating an electromagnetic signal having a field strength and detectable by a receiver within an operating range;
at least one receiver within the operating range ~~attached to the treadmill~~ for receiving the signal;

~~at least one microprocessor~~ means for detecting the field strength and for producing a control signal responsive to the field strength, the means including at least one amplifier, at least one filter, at least one signal modifier and at least one microprocessor; and means attached to the treadmill apparatus and responsive to the control signal for adjusting the endless belt.

Claim 11 (cancelled)

Claim 12 (Currently Amended): The apparatus of claim 10 wherein the transmitter ~~is a~~ includes a transmitter portion of a heart rate monitor.

Claim 13 (Previously Presented): The apparatus of claim 10 wherein the belt is adjustable in slope and the apparatus for adjusting includes and a lifting motor.

Claim 14 (Previously Presented): The apparatus of claim 10 wherein the belt is adjustable in rotational speed and the apparatus includes a treadmill motor.

Claim 15 (New): The apparatus of Claim 7 including a heart rate monitor having a receiver portion and wherein the receiver is the receiver portion of heart rate monitor.

Claim 16 (New): The apparatus of Claim 1 wherein the control signal is responsive to the field strength throughout the operating range.